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1636

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on December 9, 2003

Glenn P. Ladwig  
Glenn P. Ladwig, Patent Attorney

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

Examining Group 1636

Patent Application

Docket No. GJE-74

Serial No. 09/913,443

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Examiner : Celine X. Qian  
Art Unit : 1636  
Applicant : Jack Price  
Serial No. : 09/913,443  
Filed : August 14, 2001  
Confirm. No. : 9647  
For : Transplantation of Haematopoietic Cells

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.97 AND 1.98**

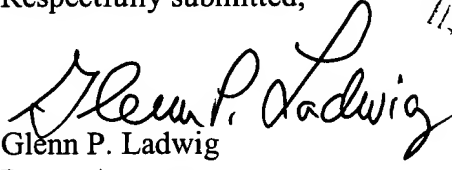
Sir:

In accordance with 37 CFR § 1.56, the references listed on the attached form PTO/SB/08 are being brought to the attention of the examiner for consideration in connection with the examination of the above-identified patent application. Copies of the cited documents are enclosed.

This information is being submitted subsequent to the later of three months after the filing date of the present application or the mailing of the first Office Action on the merits, but before the mailing of a final action or the Notice of Allowance. Please charge the fee of \$180.00 to Deposit Account No. 19-0065

The applicant respectfully asserts that the substantive provisions of 37 CFR §§ 1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,

  
Glenn P. Ladwig  
Patent Attorney

Registration No. 46,853

Phone No.: 352-375-8100

Fax No.: 352-372-5800

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Gainesville, FL 32606-6669

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Attachments: Form PTO/SB/08 (4 pages); copies of references cited therein



PTO/SB/08A (08-03)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

**Complete if Known**

Application Number	09/913,443
Filing Date	August 14, 2001
First Named Inventor	Jack Price
Art Unit	1636
Examiner Name	Celine X. Qian
Attorney Docket Number	GJE-74

Sheet

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**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-2003/0203483 A1	10-03-2003	Seshi	All
	U2	US-2003/0147873 A1	08-07-2003	Sinden et al.	All
	U3	US-2002/0146821 A1	10-10-2002	Sanchez-Ramos et al.	All
	U4	US-2002/0123143 A1	09-05-2002	Toma et al.	All
	U5	US-2002/0028510 A1	03-07-2002	Sanberg et al.	All
	U6	US-2001/0001662 A1	05-24-2001	Sinden et al.	All
	U7	US-6,569,421 B2	05-27-2003	Hodges	All
	U8	US-6,465,215 B1	10-15-2002	Price et al.	All
	U9	US-6,399,384 B1	06-04-2002	Jat	All
	U10	US-6,200,806 B1	03-13-2001	Thomson	All

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
	F1	WO 03/029432 A2	04-10-2003	Univ. of South Florida	All	
	F2	WO 01/94541 A2	12-13-2001	Univ. of South Florida	All	
	F3	WO 01/66698 A1	09-13-2001	Cryo-Cell Int'l Inc.	All	
	F4	WO 97/10329 A1	03-20-1997	Inst. of Psychiatry	All	
	F5	WO 89/09816 A1	10-19-1989	Mass. Inst. Tech.	All	
	F6					
	F7					

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Considered

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STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/913,443
Filing Date	August 14, 2001
First Named Inventor	Jack Price
Art Unit	1636
Examiner Name	Celine X. Qian
Attorney Docket Number	GJE-74

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		Number - Kind Code <sup>2</sup> (if known)			
	U1	US-6,197,585 B1	03-06-2001	Stringer	All
	U2	US-5,958,767	09-28-1999	Snyder et al.	All
	U3	US-5,851,832	12-22-1998	Weiss et al.	All
	U4	US-5,753,491	05-19-1998	Major et al.	All
	U5	US-5,580,777	12-03-1996	Bernard et al.	All
	U6	US-5,270,191	12-14-1993	McKay et al.	All
	U7				
	U8				
	U9				
	U10				

**FOREIGN PATENT DOCUMENTS**

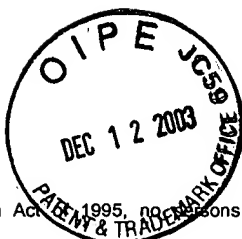
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Application Number	09/913,443
Filing Date	August 14, 2001
First Named Inventor	Jack Price
Group Art Unit	1636
Examiner Name	Celine X. Qian
Attorney Docket Number	GJE-74

Sheet 3 of 4

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	R1	CEPKO, C.L. "Immortalization of Neural Cells Via Retrovirus-Mediated Oncogene Transduction" <i>Ann. Rev. Neurosci.</i> , 1989, 12:47-65.	
	R2	CHEN, J. <i>et al.</i> "Intravenous Administration of Human Umbilical Cord Blood Reduces Behavioral Deficits After Stroke in Rats" <i>Stroke</i> , 2001, 32:2682-2688.	
	R3	CRYSTAL, R.G. "Transfer of Genes to Humans: Early Lessons and Obstacles to Success" <i>Science</i> , 1995, 270:404-410.	
	R4	DEONARAIN, M.P. "Ligand-targeted receptor-mediated vectors for gene delivery" <i>Exp. Opin. Ther. Patents</i> , 1998, 8(1):53-69.	
	R5	GRAY, J.A. <i>et al.</i> "Prospects for the clinical application of neural transplantation with the use of conditionally immortalized neuroepithelial stem cells" <i>Phil. Trans. R. Soc. Lond. B</i> , 1999, 354:1407-1421.	
	R6	KOPEN, G.C. <i>et al.</i> "Marrow stromal cells migrate throughout forebrain and cerebellum, and they differentiate into astrocytes after injection into neonatal mouse brains" <i>Proc. Natl. Acad. Sci USA</i> , September 1999, 96:10711-10716.	
	R7	MCKAY, R. <i>et al.</i> "Mechanisms Regulating Cell Number and Type in the Mammalian Central Nervous System" Cold Spring Harbor Symposia on Quantitative Biology, 1990, 55:291-301.	
	R8	MCKAY, R. <i>et al.</i> "Immortalized stem cells from the central nervous system" <i>C.R. Acad. Sci. Paris, Sciences De La Vie</i> , 1993, 316:1452-1457.	
	R9	MILLER, N. and R. VILE "Targeted vectors for gene therapy" <i>FASEB J.</i> , 1995, 9:190-199.	
	R10	NETTO, C.A. <i>et al.</i> "Foetal grafts from hippocampal region superior alleviate ischaemic-induced behavioral deficits" <i>Behav. Brain. Res.</i> , 1993, 58:107-112.	
	R11	OKABE, S. <i>et al.</i> "Development of neuronal precursor cells and functional postmitotic neurons from embryonic stem cells in vitro" <i>Mech. Devel.</i> , 1996, 59:89-102.	
	R12	RASHID-DOUBELL, F. <i>et al.</i> "Effects of Basic Fibroblast Growth Factor and Gamma Interferon on Hippocampal Progenitor Cells Derived From the H-2Kb-tsA58 Transgenic Mouse" <i>Gene Therapy</i> , 1994, 1(Supp. 1):S63.	
	R13	SANBERG, P.R. and A.E. WILLING "Cellular Therapeutic Approaches for Neurodegenerative Disorders" <i>Proceedings of the 1998 Miami Biotechnology Symposium</i> , February 7-11, 1998, 38:139-142.	

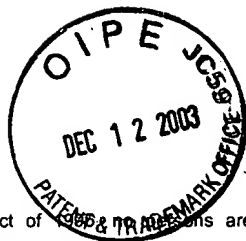
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Filing Date	August 14, 2001
First Named Inventor	Jack Price
Group Art Unit	1636
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Attorney Docket Number	GJE-74

Sheet 4 of 4

**NON PATENT LITERATURE DOCUMENTS**

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	R14	SANCHEZ-RAMOS, J.R. <i>et al.</i> "Expression of Neural Markers in Human Umbilical Cord Blood" <i>Exp. Neurol.</i> , 2001, 171:109-115.	
	R15	SCHEFFLER, B. <i>et al.</i> "Marrow-mindedness: a perspective on neurogenesis" <i>Trends Neurosci.</i> , 1999, 22:348-357.	
	R16	SINDEN, J.D. <i>et al.</i> "Recovery of Spatial Learning by Grafts of a Conditionally Immortalized Hippocampal Neuroepithelial Cell Line Into the Ischaemia-Lesioned Hippocampus" <i>Neuroscience</i> , 1997, 81(3):599-608.	
	R17	VIRLEY, D. <i>et al.</i> "Primary CA1 and conditionally immortal NHP36 cell grafts restore conditional discrimination learning and recall in marmosets after excitotoxic lesions of the hippocampal CA1 field" <i>Brain</i> , 1999, 122:2321-2335.	
	R18	WHITEMORE, S.R. <i>et al.</i> "Isolation and Characterization of Conditionally Immortalized Astrocyte Cell Lines Derived From Adult Human Spinal Cord" <i>GLIA</i> , 1994, 10:221-226.	
	R19	WYLLIE, F.S. <i>et al.</i> "A Phenotypically and Karyotypically Stable Human Thyroid Epithelial Line Conditionally Immortalized by SV40 Large T Antigen" <i>Cancer Res.</i> , 1992, 52:2938-2945.	
	R20		
	R21		
	R22		
	R23		
	R24		
	R25		
	R26		

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